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IN THE

UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Lynn D. Spraggs.

5 SERIAL NO.: 09/554,419

FILING DATE: May 11, 2000

TITLE: SYSTEM AND METHOD OF SENDING AND
RECEIVING SECURE DATA WITH A SHARED KEY

10 EXAMINER: Matthew B. Smithers

ART UNIT: 2132

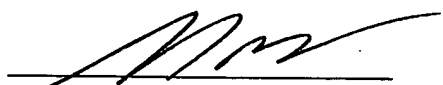ATTY. DKT. NO: PA1065US

CERTIFICATE OF MAILING

15

I hereby certify that this paper is being deposited with the Canadian Postal Service as first class mail in an

envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on the date printed below:

Date: *Sept. 27/2002*   _____

20   Lynn D. Spraggs

COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

25   AMENDMENT

Sir:

In response to the Office Action mailed July 3, 2002 (paper #8), please amend the

above-identified application as follows.

{00060392v1}1

NOTE: 1. With respect to objection of Claims 44 –47 we have redo.

them to be dependent on claim 43 instead of claim 42.

NOTE: 2. With respect to objection of claims 15-30 and 38 –47 we have

made reference in both the amended claims and the remarks.

5   NOTE: 3. With respect to Both Laursen and Bodner, reference to these is

given in the remarks. It is to be noted that there must be some overlap

because of the nature of computer systems and computer software, but

taken in the context of this application, the invention is both novel and

innovative and cannot be inferred from other prior art.

10   NOTE: 4. We are returning the new document along with a marked up

version so you can easily determine the differences.

<u>In the Specification:</u>

Replace the paragraph beginning on page 6 line 14 with:

Referring now to FIG. 1, a schematic diagram illustrates a

15   server 100 used to receive encrypted data from a sending client

computer 102 and transmit encrypted data to a receiving client

computer 104 through the Internet 106 using shared private keys.

The sending client 102 and receiving client 104 share their own

private key with the server 100, but do not share their private key

20   with anyone else.

Replace the paragraph beginning on page 8 line 6 with:

FIG. 5 is a block diagram of one embodiment of the non-volatile memory module 404 located within the clients 102, 104 of FIG. 4. The non-volatile memory 406 includes an encrypt/decrypt engine 502 for encrypting and decrypting data. The

5 encrypt/decrypt engine 502 can also be stored in RAM 404. Excellent results can be obtained when the encrypt/decrypt engine is served up as a Java™ applet to the clients 102, 104. The Java™ applet can be served up with a web page. In another form, the encrypt/decrypt engine can be sent to the clients 102, 104, and

10 then stored on their hard drive.